Lo-Carbon
VA150
Axial Kitchen & Utility Room Fans

Features & Benefits
• Reduces the home’s carbon footprint
• Long life Lo-Carbon motor lasts up to 5 times longer than conventional motors
• Up to 60% energy saving
• Meets current Building Regulations Approved Document F & L when installed
• IP44 rated
• Low sound levels
• 5 Year Motor Guarantee
• Suitable for wall, ceiling, window and panel mounting
• Fitted with a motorised shutter
• 1 of 2 speeds selectable at installation

Long Life Ventilation
Vent-Axia Lo-Carbon VA150 fans feature Lo-Carbon long life DC energy saving motors that last up to 5 times longer than conventional motors, whilst delivering up to 60% energy savings. The extended life of Lo-Carbon fans is due to the use of a new generation of high quality electronically controlled ball-bearing motors especially developed for this range. The motors are perfectly designed for the wet conditions of utility rooms and kitchens, extracting stale, moisture-laden air quietly and efficiently.

Shutters
The Vent-Axia Lo-Carbon VA150 range is fitted with a motorised shutter mechanism that uses no extra power in operation or off.

Installation
The Lo-Carbon VA150 range is suitable for installation in panels, walls or windows using the kits available. Lo-Carbon fans are quick and simple to fit using reversible grommets and easy-wire terminals, and are suitable for wall or ceiling mounting at any angle.

Performance

<table>
<thead>
<tr>
<th>Setting</th>
<th>Model</th>
<th>Extract Performance</th>
<th>Sound dB(A) @ 3m</th>
<th>Watts @ 0Pa</th>
<th>SFP (W/l/s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utility Setting</td>
<td>Lo-Carbon VA150P/T/HP</td>
<td>160 m³/h 46 l/s</td>
<td>33</td>
<td>7.5</td>
<td>0.16</td>
</tr>
<tr>
<td>Kitchen Setting</td>
<td>Lo-Carbon VA150P/T/HP</td>
<td>230 m³/h 64 l/s</td>
<td>36</td>
<td>11.5</td>
<td>0.18</td>
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</tbody>
</table>

150mm telescopic wall kits are available with a white or brown outside grille. The kit is supplied with a telescopic wall sleeve to fit walls 225–360mm thick. Hole diameter 152mm.

Window fitting kits are available for use with all Lo-Carbon 150mm models through single or double glazed windows up to 40mm thick. Hole diameter 152mm.

Models
Lo-Carbon VA150P
(Shutter/Pullcord)
Stock Ref 459123

Lo-Carbon VA150T
(Shutter/Timer)
Ultra long life DC energy saving motor. Fitted with a motorised shutter. Controlled via integral power supply with electronic adjustable overrun timer (5-30 minutes).
Stock Ref 459124

Lo-Carbon VA150HP
(Shutter/Humidistat)
Ultra long life DC energy saving motor. Fitted with a motorised shutter. Controlled via integral power supply with pullcord override switch and adjustable humidity sensor (60-95% RH).
Stock Ref 459125

Dimensions (mm)

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>DØ</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
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<tbody>
<tr>
<td>216</td>
<td>224</td>
<td>80</td>
<td>146</td>
<td>60</td>
<td>220</td>
<td>37</td>
<td>55</td>
<td>104</td>
</tr>
</tbody>
</table>

Weight 1.2kg

Panel
Panel fixing hole Ø 152mm

Wall
Wall fixing hole Ø 152mm

Window
Window fixing hole Ø 152mm

Accessories
Wall Kit
Stock Ref 140902 [White]
140903 [Brown]

Window Kit
Stock Ref 140901